

Street Conditions

The road conditions map shows the unpaved roads within the Roxboro Area. The outlying areas of the township have the highest number of unpaved roads.

Traffic Volumes

The illustration of the Average Daily (24-hour) Traffic Volumes gives us an indicator of street use within the Roxboro Area. The map not only indicates where the highest concentrations of traffic are found but also points out those intersections which present problems of congestion.

The highest recorded numbers of vehicles were on N. C. 57 (Durham Road) and at the northern intersection of Madison Boulevard and Main Street. Both points had volumes in excess of 6,000 vehicles for the average day during one year. Other major concentrations occur at Longhurst near the Roxboro Cotton Mill (6,000), along Main Street within the city (3,000 to 5,000), on Morgan Street (2,000 to 3,000), and on Reams Avenue (2,000 to 3,000). There are, of course, other areas of similar concentration. The above points have been singled out because of their importance.

The closer the volume of traffic along a given street approaches the capacity^{1/} of that street, the more efficiently that portion of the transportation system is operating. In essence, the more cars the better, up to a point. When the number of vehicles becomes too great in one particular area,

^{1/} Capacity is defined as the maximum number of vehicles that can pass a given point on land or a roadway during a certain time period, under the prevailing roadway and traffic conditions.